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⑪ Publication number:

0 322 311  
A3

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## EUROPEAN PATENT APPLICATION

㉑ Application number: 88403266.5

㉓ Int. Cl.5: C12Q 1/68, G01N 33/559,  
G01N 33/543, //C07H21/00,  
G01N33/58

㉒ Date of filing: 21.12.88

㉔ Priority: 21.12.87 US 135652  
23.11.88 US 276139

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㉖ Date of publication of application:  
28.06.89 Bulletin 89/26

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㉘ Designated Contracting States:  
CH DE FR GB IT LI SE

㉙ Date of deferred publication of the search report:  
27.06.90 Bulletin 90/26

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㉛ Method and kit for detecting a nucleic acid sequence.

**A3**  
**EP 0 322 311**  
Nucleic acid sequences are detected by a multi-step process, involving labeling sample nucleic acid sequences, duplexing the labeled sample with a probe having a coupling element, immobilizing all of the duplexed probe and target sequence and un-duplexed probe, separating specifically immobilized nucleic acid from free and non-specifically immobilized nucleic acid, releasing specifically immobilized nucleic acid, and detecting the presence of the sequence of interest by means of the label. The labeled sequence may be characterized by sizing, e.g. electrophoresis. The method provide for a sensitive and rapid means for accurate detection of sequence of interest in a wide variety of situations.



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EUROPEAN SEARCH REPORT

Application Number

EP 88 40 3266

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	WO-A-8 802 785 (BECKMAN INSTRUMENTS) * Claims 1-3,6-10,17,24,29,31-34,37-43,51,55,62 * -----	1,3,8,9 -12	C 12 Q 1/68 G 01 N 33/559 G 01 N 33/543// C 07 H 21/00 G 01 N 33/58
X	EP-A-0 164 876 (ALLIED CORP.) * Claims 1,5,6,7,11,12 * -----	1	
X	WO-A-8 607 387 (AMGEN) * Claims 1-17,20-31,34-38 * -----	1,3,8- 12	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 12 Q
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30-03-1990	DE ROECK R.G.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			